

# PFM700-E

## HDMI Extender



### Features

- Power supply: Input voltage DC5V, only supply for transmitter.
- Transmission effect: Real-time transmission HDMI video signal, no delay, strong anti-interference.
- Transmission distance: HDMI transmission distance 50m (max.164ft), with CAT6 of pure copper cable(DC impedance is less than 9.5 ohm for every 100 meters(328ft)).
- Infrared function: support to transmit one-way infrared remote control signal.
- Main functions: Use single UTP (CAT-5E and CAT-6) to transmit 1-ch HDMI video signal, support HDMI 1.3; Support HDMI local loop output; Support EDID.
- Protection and anti-interference: Excellent anti-thunder, anti-static and anti-interference capabilities.
- Appearance structure: No need to install driver program and set network parameters, easy to use and convenient to install.

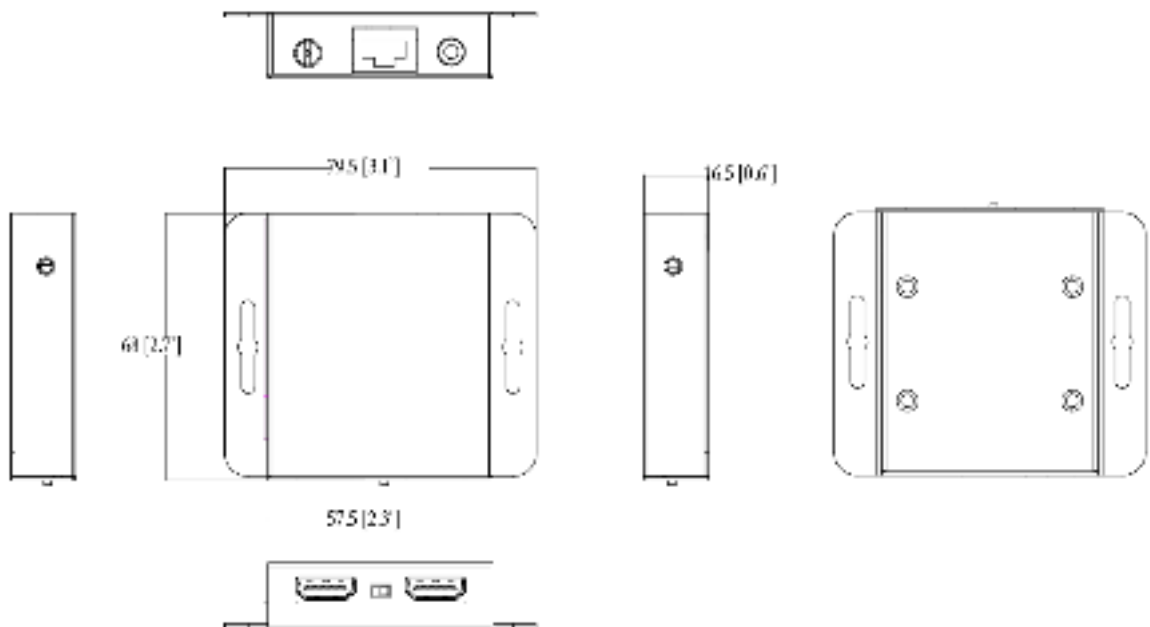
## Technical Specifications

|                                      |                                                                                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                         | <b>PFM700-E</b>                                                                                                                 |
| <b>Properties</b>                    |                                                                                                                                 |
| Transmission Signal                  | 1channel HDMI                                                                                                                   |
| Transmission Distance                | 50m (max.164ft), with CAT6 of pure copper cable (DC impedance is less than 9.5 ohm for every 100 meters (328ft)).               |
| <b>Video Transmission Properties</b> |                                                                                                                                 |
| Video Signal Input Interface         | HDMI interface                                                                                                                  |
| Video Input Port                     | HDMI interface                                                                                                                  |
| Twisted-pair Video Transmission Port | RJ45 port                                                                                                                       |
| Input Voltage                        | DC5V                                                                                                                            |
| Power                                | TX<3W, RX<3W                                                                                                                    |
| HDCP Version                         | Support HDCP1.2                                                                                                                 |
| HDMI Version                         | Support 1.3 and lower version                                                                                                   |
| <b>Resolution Output Signal</b>      |                                                                                                                                 |
| Resolution                           | 1080P/1080I/720P/576P/576I/480P/480I                                                                                            |
| Output Voltage                       | 0.5~1.5Vp-p                                                                                                                     |
| <b>Impedance</b>                     |                                                                                                                                 |
| ESD                                  | ±6KV(contact discharge)                                                                                                         |
|                                      | ±8KV(air discharge)                                                                                                             |
|                                      | Per: IEC61000-4-2 1995(GB/T 17626.5)                                                                                            |
| Anti-thunder                         | ±2KV(common mode), ±1KV(differential mode)                                                                                      |
|                                      | Per: IEC61000-4-5 1995(GB/T 17626.5)                                                                                            |
| <b>Stability</b>                     |                                                                                                                                 |
| MTBF                                 | >5000h                                                                                                                          |
| <b>Physical Properties</b>           |                                                                                                                                 |
| Dimension(L*W*H)                     | Transmitter: 79.5mmx68mmx16.5mm(port length included)<br>(3.13"x2.68"x0.65")<br>Receiver: 79.5mmx68mmx16.5mm(3.13"x2.68"x0.65") |
| Shell                                | Iron                                                                                                                            |
| Color                                | Black                                                                                                                           |
| N.W.                                 | Transmitter: 133g(0.29lb)<br>Receiver: 133g(0.29lb)                                                                             |
| <b>Environmental</b>                 |                                                                                                                                 |
| Working Temperature                  | -10℃~55℃(14°F~131°F)                                                                                                            |
| Storage Temperature                  | -20℃~80℃(-4°F~176°F)                                                                                                            |
| Humidity                             | 0~95%(non-condensing)                                                                                                           |
| <b>Certification</b>                 |                                                                                                                                 |
| Certification                        | CE/FCC                                                                                                                          |

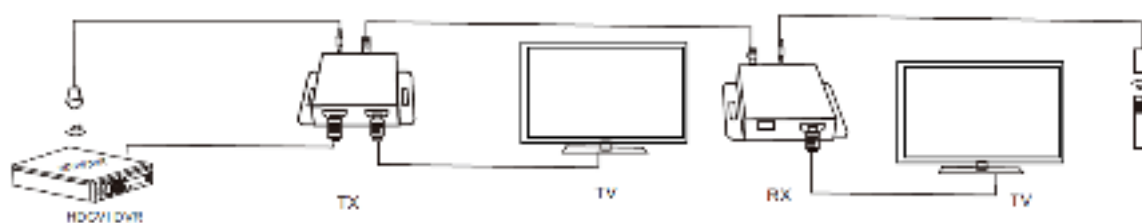
Order Information

| Type           | Part Number | Description                                  |
|----------------|-------------|----------------------------------------------|
| Video Extender | PFM700-E    | HDMI extender<br>_Neutral, European standard |
|                | PFM700-E    | HDMI extender<br>_Neutral, American standard |
|                | PFM700-E    | HDMI extender<br>_Neutral, British standard  |
|                | PFM710      | VGA extender                                 |

Dimensions (mm/inch)



### Application



### Package Information

- HDMI Extender PFM700-E \*1 (Transmitter \*1, receiver \*1)
- User manual \*1
- Windband IR Tx cable\*1
- Windband IR Rx cable \*1
- DC5V1A power adapter \*1